

...SEPTEMBER 2009 REGIONAL CLIMATE SUMMARY...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...
SEPTEMBER 2009 WAS WARMER THAN NORMAL ACROSS MOST OF THE REGION...
BUT ONLY BY A FEW DEGREES. A COUPLE OF BRIEF WARM EVENTS OCCURRED
EARLY IN THE MONTH ON THE 2ND/3RD AND AGAIN ON THE 10TH/11TH. THREE
ADDITIONAL WARM EVENTS DURING THE SECOND HALF OF THE MONTH HELPED
PUSH AVERAGE TEMPERATURES FOR THE MONTH SLIGHTLY ABOVE NORMAL. THE
FINAL WARM-UP OF THE MONTH ON THE 26TH AND 27TH WAS FOLLOWED QUICKLY
BY MUCH COOLER WEATHER ON THE 28TH AS A COLD UPPER LEVEL TROUGH OVER
BRITISH COLUMBIA DROPPED SOUTH INTO THE WESTERN UNITED STATES.
TEMPERATURES COOLED 15 TO 25 DEGREES FROM THE 27TH TO THE 28TH.

THE MOST NOTABLE WEATHER EVENT DURING THE MONTH OF SEPTEMBER WAS A
THUNDERSTORM OUTBREAK IN THE SAN FRANCISCO BAY AREA DURING THE EARLY
MORNING HOURS OF SATURDAY THE 12TH. A FEW DAYS EARLIER...MOISTURE
FROM FORMER HURRICANE LINDA WAS ENTRAINED INTO THE CIRCULATION AROUND
A WEAK UPPER LEVEL LOW OFF THE SOUTH-CENTRAL CALIFORNIA COAST. AS THE
LOW APPROACHED THE SAN FRANCISCO BAY AREA EARLY ON THE 12TH...
WIDESPREAD CONVECTIVE ACTIVITY DEVELOPED. BETWEEN 1:00 AM AND 9:00
AM ON SEPTEMBER 12...THE LIGHTNING DETECTION NETWORK REGISTERED 419
LIGHTNING STRIKES ACROSS SAN FRANCISCO BAY AREA COUNTIES. BECAUSE THE
THUNDERSTORMS DEVELOPED RELATIVELY HIGH UP IN THE ATMOSPHERE...VERY
LITTLE RAINFALL REACHED THE GROUND...RESULTING IN DRY LIGHTNING AND
FIRE STARTS. CAL FIRE CONFIRMED 29 FIRE STARTS IN ALAMEDA...CONTRA
COSTA...AND SANTA CLARA COUNTIES. IN ADDITION...AT LEAST NINE FIRES
WERE CONFIRMED IN THE NORTH BAY. BECAUSE FIRE AGENCIES WERE WARNED OF
THE POSSIBILITY OF DRY LIGHTNING WELL IN ADVANCE...FIRE FIGHTING
RESOURCES WERE IN PLACE AND ALL FIRES WERE CONTAINED RELATIVELY
QUICKLY.

ON THE FOLLOWING EVENING...SUNDAY SEPTEMBER 13...WIDESPREAD LIGHT
RAIN FELL ACROSS THE REGION AS A FRONTAL SYSTEM MOVED INLAND. IN
GENERAL MOST LOCATIONS PICKED UP BETWEEN A TENTH AND A HALF INCH
OR RAIN THAT EVENING. RAINFALL FROM THE SEPTEMBER 13TH EVENT WAS
ENOUGH TO PUSH MONTHLY RAINFALL TOTALS ABOVE NORMAL FOR PARTS OF
THE AREA...PARTICULARLY ON THE SAN FRANCISCO PENINSULA AND IN THE
EAST BAY.

...SEPTEMBER REGIONAL TEMPERATURE SUMMARY...

LOCATION	AVG	NORMAL	DEPARTURE	AVG	NORMAL	DEPARTURE
	HIGH	HIGH	FROM NORMAL	LOW	LOW	FROM NORMAL
NORTH BAY...						
ANGWIN	83.5	81.1	2.4	53.1	53.3	-0.2
FORT ROSS	M	68.3	M	M	48.2	M
HEALDSBURG	M	84.9	M	M	52.9	M
KENTFIELD	82.6	82.1	0.5	53.8	51.7	2.1
NAPA	M	82.3	M	54.2	53.1	1.1

PETALUMA	85.1	81.3	3.8	51.9	51.4	0.5
SAINT HELENA	89.6	85.3	4.3	54.7	51.4	3.3
SAN RAFAEL	82.1	80.0	2.1	55.2	54.0	1.2
SANTA ROSA	86.6	81.6	5.0	51.9	51.9	0.0
SONOMA	87.5	87.1	0.4	51.4	50.2	1.2

SAN FRANCISCO PENINSULA...

HALF MOON BAY	66.6	67.0	-0.4	50.8	51.7	-0.9
PACIFICA	M	71.6	M	M	53.2	M
PALO ALTO	M	77.7	M	M	52.9	M
REDWOOD CITY	82.1	80.5	1.6	55.7	56.1	-0.4
SAN FRANCISCO						
AIRPORT	75.5	73.4	2.1	56.9	55.1	1.8
SAN FRANCISCO						
DOWNTOWN	71.3	70.9	0.4	55.7	56.1	-0.4
WOODSIDE	M	85.1	M	M	49.4	M

EAST BAY...

BERKELEY	M	71.9	M	M	55.9	M
CONCORD	86.5	84.9	1.6	58.7	57.1	1.6
FREMONT	81.6	79.3	2.3	57.0	55.8	1.2
LIVERMORE	90.5	86.0	4.5	56.5	53.2	3.3
MARTINEZ	87.3	84.8	2.5	55.3	53.9	1.4
MOUNT DIABLO						
JUNCTION	83.9	82.2	1.7	61.8	57.4	4.4
NEWARK	79.4	76.8	2.6	58.1	57.5	0.6
OAKLAND	76.1	74.9	1.2	57.8	58.4	-0.6
RICHMOND	76.2	74.2	2.0	55.9	56.5	-0.6

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	88.0	83.9	4.1	50.0	49.1	0.9
GILROY	87.5	85.7	1.8	55.0	53.3	1.7
LOS GATOS	85.1	82.5	2.6	54.3	53.1	1.2
MOUNT HAMILTON	76.7	73.9	2.8	62.2	58.4	3.8
SAN JOSE	83.1	80.9	2.2	58.0	56.6	1.4
SANTA CRUZ	78.2	75.3	2.9	53.2	52.0	1.2
WATSONVILLE	76.0	73.6	2.4	53.7	52.4	1.3

MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	79.1	75.6	3.5	50.4	49.9	0.5
CARMEL VALLEY	82.6	79.4	3.2	51.4	49.3	2.1
HOLLISTER	85.6	81.0	4.6	53.7	52.2	1.5
KING CITY	88.2	84.7	3.5	51.9	49.9	2.0
MONTEREY	70.3	71.7	-1.4	52.3	53.3	-1.0
PINNACLES NATIONAL						
MONUMENT	M	89.8	M	M	48.2	M
SALINAS	74.7	74.5	0.2	52.1	53.7	-1.6

...SEPTEMBER REGIONAL PRECIPITATION SUMMARY...

LOCATION	JUNE TOTAL	AVERAGE JUNE PRECIP	PERCENT OF NORMAL
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NORTH BAY...

ANGWIN	0.03	0.63	5
CALISTOGA	M	0.66	M
FORT ROSS	0.38	0.66	58
HEALDSBURG	M	0.55	M
KENTFIELD	0.37	0.50	74
MUIR WOODS	M	0.56	M
NAPA	0.15	0.41	37
OCCIDENTAL	0.29	0.66	44
PETALUMA	0.17	0.30	57
SAINT HELENA	0.08	0.45	18
SAN RAFAEL	0.31	0.34	91
SANTA ROSA	0.16	0.49	33
SONOMA	0.15	0.33	45

SAN FRANCISCO PENINSULA...

HALF MOON BAY	0.53	0.44	120
PACIFICA	M	0.34	M
PALO ALTO	M	0.20	M
REDWOOD CITY	0.24	0.22	109
SAN FRANCISCO AIRPORT	0.27	0.20	135
SAN FRANCISCO DOWNTOWN	0.28	0.28	100
WOODSIDE	M	0.30	M

EAST BAY...

BERKELEY	0.44	0.41	107
CONCORD	0.06	0.03	200
FREMONT	0.33	0.08	413
LIVERMORE	0.31	0.24	129
MARTINEZ	0.11	0.24	46
MOUNT DIABLO JUNCTION	0.32	0.36	89
NEWARK	0.29	0.20	145
OAKLAND	0.38	0.30	127
RICHMOND	0.20	0.27	74

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	0.24	0.53	45
GILROY	0.18	0.33	55
LOS GATOS	0.00	0.24	0
MOUNT HAMILTON	0.40	0.44	91
SAN JOSE	0.19	0.23	83
SANTA CRUZ	0.36	0.41	88

WATSONVILLE M 0.30 M

MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	0.24	0.56	43
CARMEL VALLEY	0.10	0.09	111
HOLLISTER	0.27	0.44	61
KING CITY	0.09	0.18	50
MONTEREY	0.27	0.28	96
PINNACLES NATIONAL			
MONUMENT	M	0.34	M
SALINAS	0.10	0.17	59

...DAILY RECORDS FOR SEPTEMBER 2009...

DATE	LOCATION	RECORD HIGH	OLD RECORD
9/2	OAKLAND MUSEUM	92	90 IN 2002
9/2	SANTA CRUZ	93	93 IN 2008
9/18	SAN FRANCISCO AIRPORT	93	92 IN 1984
9/26	SANTA ROSA	103	101 IN 1960
8/26	KING CITY	105	105 IN 1963

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE....71.3....26TH WARMEST
AVERAGE LOW TEMPERATURE.....55.7....43RD WARMEST
AVERAGE TEMPERATURE.....63.5....26TH WARMEST
MONTHLY RAINFALL.....0.28 INCHES....42ND WETTEST

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL
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CLIMATIC DATA CENTER AT 828-271-4800 OR <http://www.ncdc.noaa.gov>.
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